

CLAIMS

1. A lighting unit comprising:
 - a light guiding plate for guiding light entering from an end face thereof along a principal surface thereof;
 - a light source disposed along the end face of the light guiding plate;
 - a reflector enclosing the light source and configured to reflect the light emitted from the light source toward the end face of the light guiding plate; and
 - a housing disposed to enclose at least the reflector, wherein an opening portion is formed to penetrate the housing toward the reflector.
2. The lighting unit according to Claim 1, wherein a concave portion or a convex portion is formed on the housing, and the opening portion is formed on at least one of side surfaces of the concave portion or the convex portion.
3. The lighting unit according to Claim 1, wherein the housing is provided with a bent portion formed by inwardly bending a predetermined region at a point of an outer periphery thereof and cutting a remaining portion of the predetermined region, and a step portion formed by the bent portion forms the opening portion.
4. A lighting unit comprising:

a light guiding plate for guiding light entering from an end face thereof along a principal surface thereof;

a light source disposed along the end face of the light guiding plate;

a reflector enclosing the light source and configured to reflect the light emitted from the light source toward the end face of the light guiding plate; and

a housing disposed to enclose at least the reflector, wherein the housing is made of insulative and thermally conductive resin.

5. A liquid crystal display device comprising:

a lighting unit according to Claim 1 or 4; and

a liquid crystal display panel configured to display an image by variation of transmissivity of light according to an inputted image signal, wherein

the liquid crystal display panel is disposed on a front surface of the lighting unit.